

Making a Crystal Radio - The Little Whippersnapper's Parts List

The Little Whippersnapper's Radio requires the following widely available low-cost parts. I hope that the cost of the circuit will be within the range of the little whippersnapper's pocket money.

Hardware

- No. 6 Brass Screws $\frac{1}{2}$ -inch, quantity 16 from eBay
- No. 6 Brass Cups, quantity 16 from eBay
- Baseboard must be planed softwood $\frac{1}{2}$ -inch thick, 4-inch wide and 12-inch long.

Germanium Diode

- OA90, Maplin Code: QH71N

Main Parts

- 365 pF [Tuning Capacitor](#)
- Ferrite Rod 3/8 inch diameter, 3-inch or longer
- 36 s.w.g enamelled copper wire / Radio coil wire
- Connecting copper wire

Tools

- Pointed nose pliers
- Screwdriver
- Gimlet / Bradawl for the guide holes
- Wire Cutter or Stripper
- Sandpaper for cleaning terminals
- Cutter pliers
- Dad / Mum / Adult Supervision